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an anti-diffusion layer formed from an alloy containing said anti-diffusion metal and an adhesive metal, said anti-diffusion layer being formed between said bottom electrode and said ferroelectric thin film.

Please substitute the following claim 31 for the pending claim 31:

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31. The electromechanical transducer according to Claim 28, wherein said adhesive metal of said anti-diffusion layer is either titanium or chromium.

In the Abstract:

Please substitute the following abstract for the pending abstract:

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An electromechanical transducer is produced by the successive lamination of an adhesive layer, a bottom electrode, an anti-diffusion layer, a ferroelectric thin film, and a top electrode over an installation surface. The adhesive layer is formed from an alloy containing an anti-diffusion metal. The anti-diffusion layer is formed from an alloy containing the anti-diffusion metal and an adhesive metal.
